

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference URC043BWO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/004423	International filing date (day/month/year) 27/04/2004	(Earliest) Priority Date (day/month/year) 16/05/2003
Applicant TUTTLE PRILLING SYSTEMS		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).**3. ☐ Unity of invention is lacking (see Box III).****4. With regard to the title,**

the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 2



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

Apparatus for the granulation of a predetermined substance provided in fluid, semi-fluid and similar state, comprising a prilling tower having a prilling bucket (15) associated to a driving shaft (14). The prilling bucket is mounted in a sliding way on the driving shaft. A device (27) for applying vibration is directly associated with said bucket.

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INTERNATIONAL SEARCH REPORT

International Application No
EP2004/004423

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J2/04 B05B3/10 B05B17/06 B01J2/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 585 167 A (KHOLIN BORIS G) 29 April 1986 (1986-04-29) cited in the application column 6, line 65 - column 9, line 51; figure 1	1-9
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 547 (C-1116), 4 October 1993 (1993-10-04) & JP 05 154425 A (KOBE STEEL LTD), 22 June 1993 (1993-06-22) abstract	1-9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

23 August 2004

Date of mailing of the international search report

31/08/2004

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INTERNATIONAL SEARCH REPORT

International Application No
/EP2004/004423

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Section Ch, Week 199350 Derwent Publications Ltd., London, GB; Class J02, AN 1993-402529 XP002255789 & SU 1 777 944 A (DZERZH CHEM EQUIP RES CONSTR INST) 30 November 1992 (1992-11-30) abstract</p> <p>-----</p> <p>BEST AVAILABLE COPY</p>	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/EP2004/004423

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4585167	A	29-04-1986	NONE	
JP 05154425	A	22-06-1993	NONE	
SU 1777944	A	30-11-1992	SU 1777944 A1	30-11-1992

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